Pre-Mrna-Splicing Regulator WTAP (wtap) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pre-mRNA-splicing regulator WTAP (wtap), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis Pre-mRNA-splicing regulator WTAP (wtap)
Product Gene Name	wtap recombinant protein
Product Synonym Gene Name	wtap
Sequence	MTNEEPLPKK VRLNESDFKV LPREDLLQRW KQYEAYVQAL ENKYTDLNSN DVTGLRESEE KLKQQQQESA RRENILVMRL ATKEQEMQEC TNQIQHLKQV QQPSVAQLRA TMVDPAINLF FIKMKAELEQ TKDKLEQAQN ELSAWKFTPD SQTGKKLMAK CRMLIQENQE LGRQLSQGRI AQLEAELALQ KKYSEELKSS QDELNDFIIQ LDEEVEGMQS TILVLQQQLK DSRQQLSQFQ QQIQISGNRT PSSEPKDEGE TSGKDCGRIL NGPSNGGSSL QRTHSSAGLY REGSSTEDDF SASPINEGKL SNHSQERTSR DGSSYINPLS TGYESVDSPT GSENSLTHQS NDTDSNHDSQ EEKPVSGKGN RTVSSRHLQN GLDSSVNVQG SVL
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	44,295 Da
Sequence Positions	1-393, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q4KLT6
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for wtap recombinant protein	MBS1403082 is a recombinant protein targeting wtap. Also known as Recombinant Xenopus laevis Pre-mRNA-splicing regulator WTAP (wtap). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of wtap recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for wtap. It may not necessarily be applicable to this product.

NCBI GI #	148234219
NCBI GeneID	734639
NCBI Accession #	NP_001089582.1
UniProt Primary Accession #	Q4KLT6

UniProt Related Accession #	Q4KLT6
GenBank Nucleotide #	NM_001096113.1
NCBI Official Full Name	pre-mRNA-splicing regulator WTAP
NCBI Official Synonym Full Names	WT1 associated protein L homeolog
NCBI Official Symbol	wtap.L
NCBI Official Synonym Symbols	wtap
UniProt Protein Name	Pre-mRNA-splicing regulator WTAP
UniProt Synonym Protein Names	Female-lethal(2)D homolog; WT1-associated protein; Wilms tumor 1-associating protein
Protein Family	Pre-mRNA-splicing regulator
UniProt Gene Name	wtap
NCBI Protein Information	pre-mRNA-splicing regulator WTAP
UniProt Comments for wtap	Regulatory subunit of the WMM N6-methyltransferase complex, a multiprotein complex that mediates N6-methyladenosine (m6A) methylation of some adenosine residues of some mRNAs and plays a role in the efficiency of mRNA splicing, processing and mRNA stability.
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